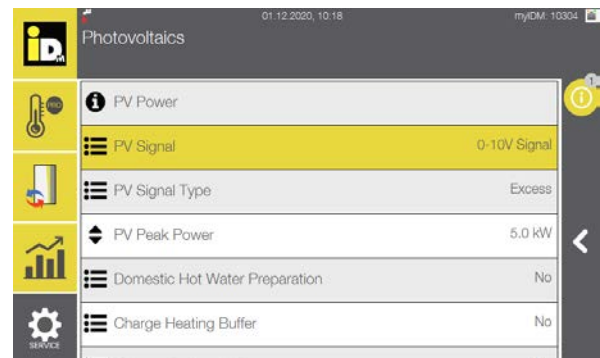
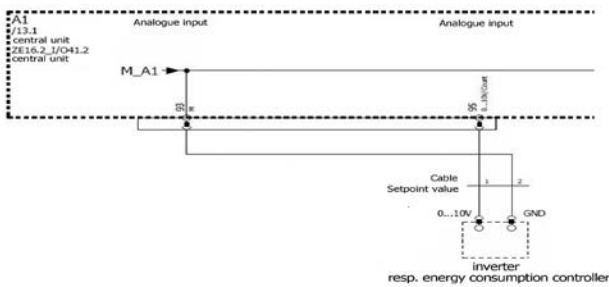


2.2.2. Communication via 0-10V signal

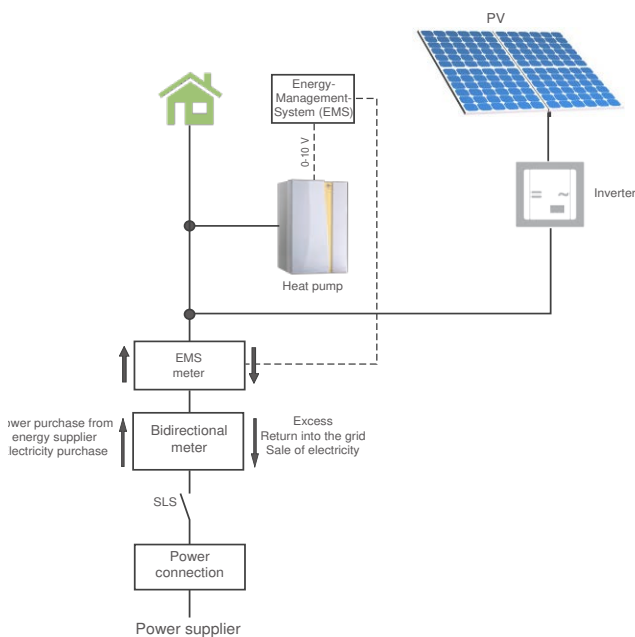
An inverter or energy consumption controller communicates with the NAVIGATOR control unit 2.0 via its 0-10 V signal (analog output). The 0-10 V signal provided is connected to the 0-10 V analog input (terminal 93/95) of the heat pump.

- » The heat pump uses the actual PV power or the surplus power from the energy consumption controller.
- » A modulating heat pump can be operated with the instantaneous output of the PV system or the surplus electricity.

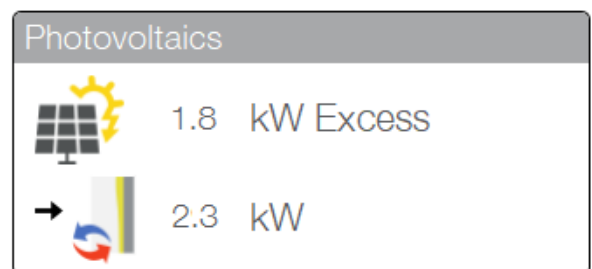


2.2.2.1. 0-10V signal from energy management systems

Energy management systems (EMS) can communicate with the heat pump via a 0-10 V signal. The heat pump is operated with the **supply current**.

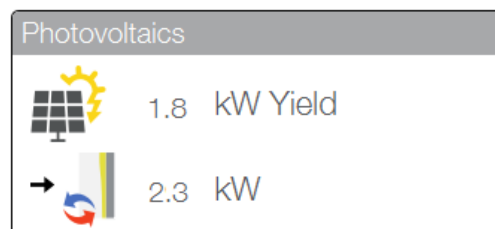
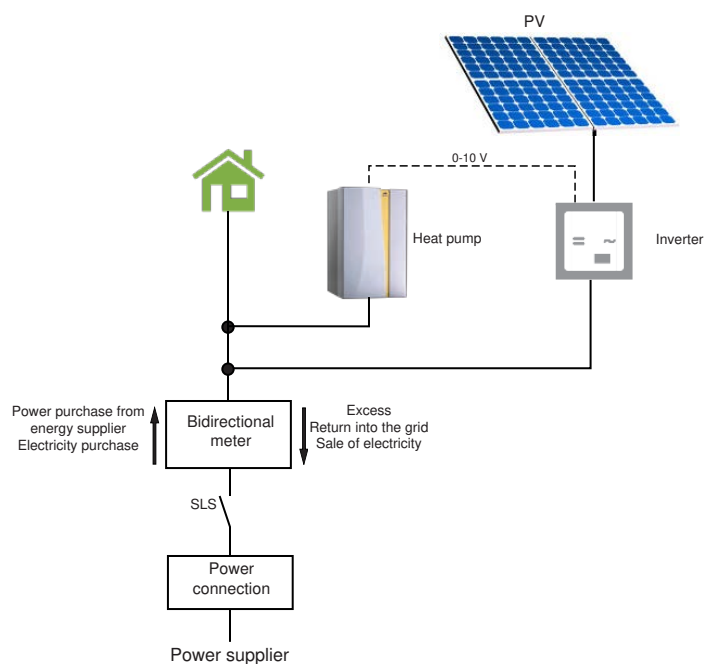


Integration 0-10V signal / Excess



2.2.2.2. 0-10 V signal from inverters

Inverters can communicate with the heat pump via a 0-10 V signal. The heat pump is operated with the **actual PV input**. Other consumers are not taken into account.



Integration 0-10V signal / Yield